

Agenda Item 4.

Ecosystem Restoration Progress Update

Delta Plan Interagency Implementation Committee Meeting #6

November 14, 2016

Panelists:

Carl Wilcox, California Department of Fish and Wildlife

David Okita, California Natural Resources Agency

Kristopher Tjernell, California Natural Resources Agency

Understanding the Framework:

How Planning Structure Supports Implementation

**SCIENTIFIC SUPPORT FOR
PLANNING & ADAPTIVE
MANAGEMENT**

DELTA RENEWED (SFEI)

STATE OF BAY DELTA
SCIENCE



PLANNING STRUCTURE

DELTA CONSERVATION
FRAMEWORK (CDFW)



**POLICY + PERFORMANCE
MEASURES**

DELTA PLAN ECOSYSTEM
AMENDMENT (DSC)



IMPLEMENTATION, O&M, ADAPTIVE MANAGEMENT

ECO RESTORE (CNRA/DWR)
YOLO BYPASS AND CACHE SLOUGH PARTNERSHIP
REGIONAL CONSERVATION STRATEGIES (DC)
PROPOSITION 1 BOND & FUTURE FUNDING
DWR RFP

Delta Conservation Framework:

Planning for long-term Delta restoration

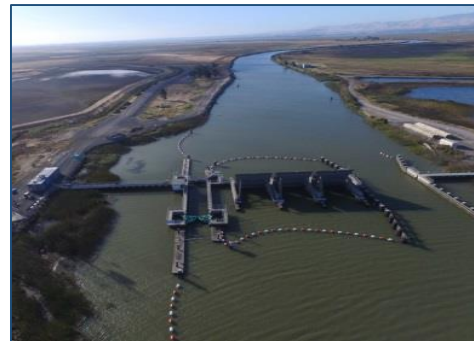
Carl Wilcox, California Department of Fish and Wildlife



CDFW Invites Agencies and Stakeholders
to Help Develop a
Long-Term

Delta Conservation Framework

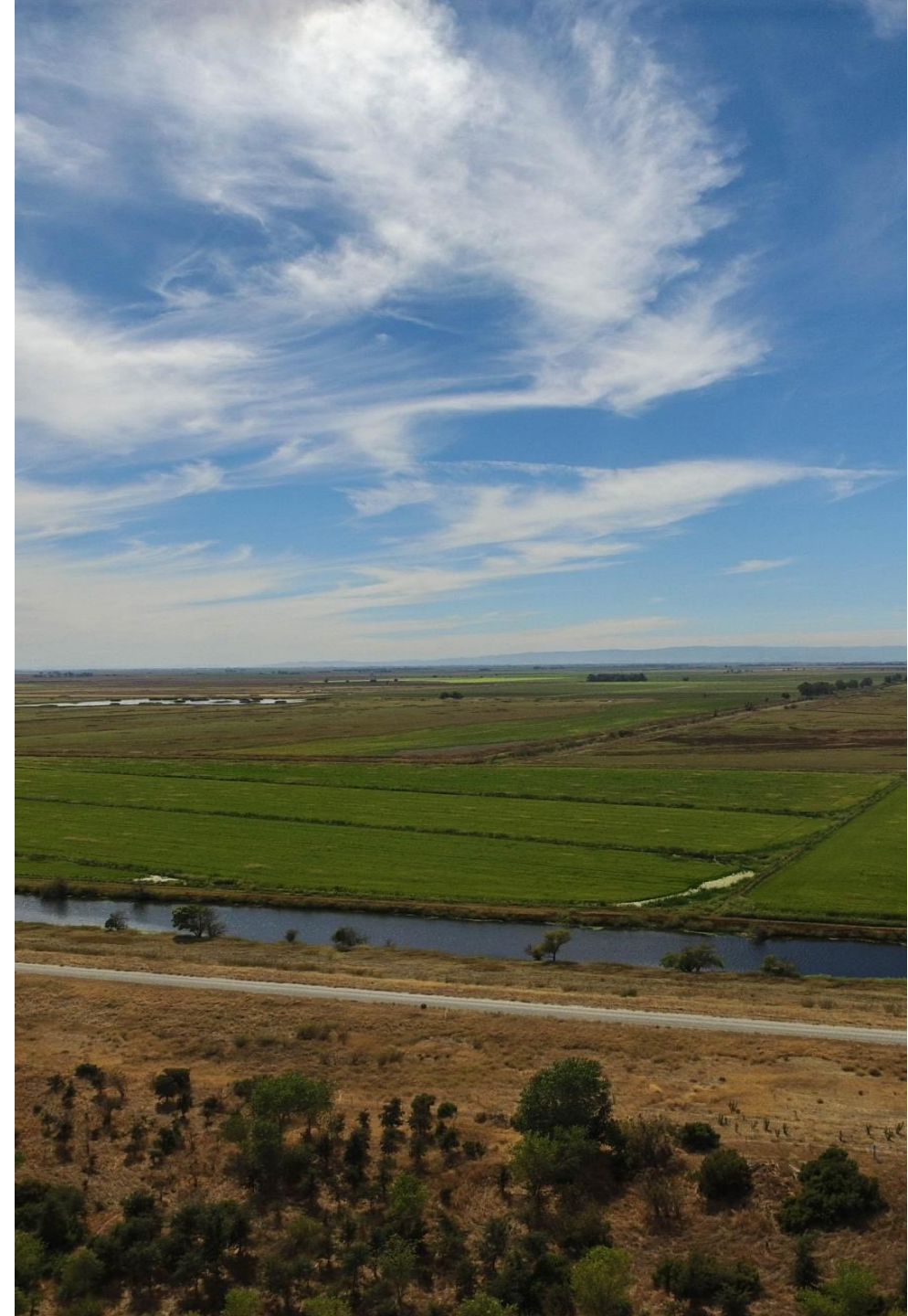
for the Sacramento San Joaquin Delta, Yolo Bypass and Suisun Marsh
2017-2050





Vision for a Future Delta

A mosaic of towns, agricultural landscapes, managed wetlands, and resilient ecosystems where people prosper and healthy fish, wildlife, and plant communities thrive.

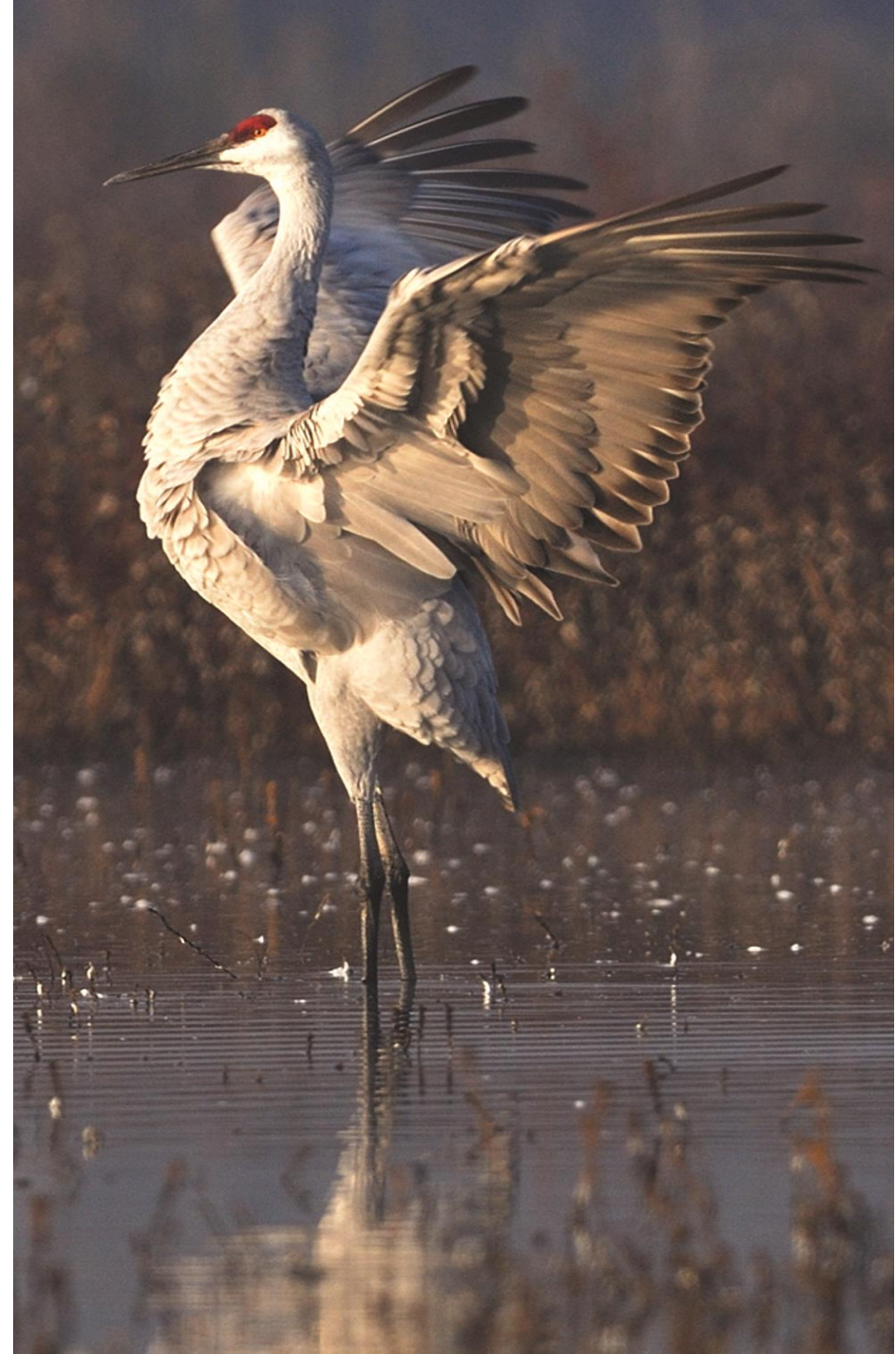




Delta Conservation Framework

Purpose

- I. Forum for collaborative engagement and broad buy in
- II. Long-term extension of *California EcoRestore*
- III. Shared vision, overarching goals & strategies for Delta conservation
- IV. Potential solutions to recognized challenges
- V. Inform regional conservation strategies
- VI. Informs State funding priorities
- VII. Basis for amendment of the ecosystem elements of the Delta Plan



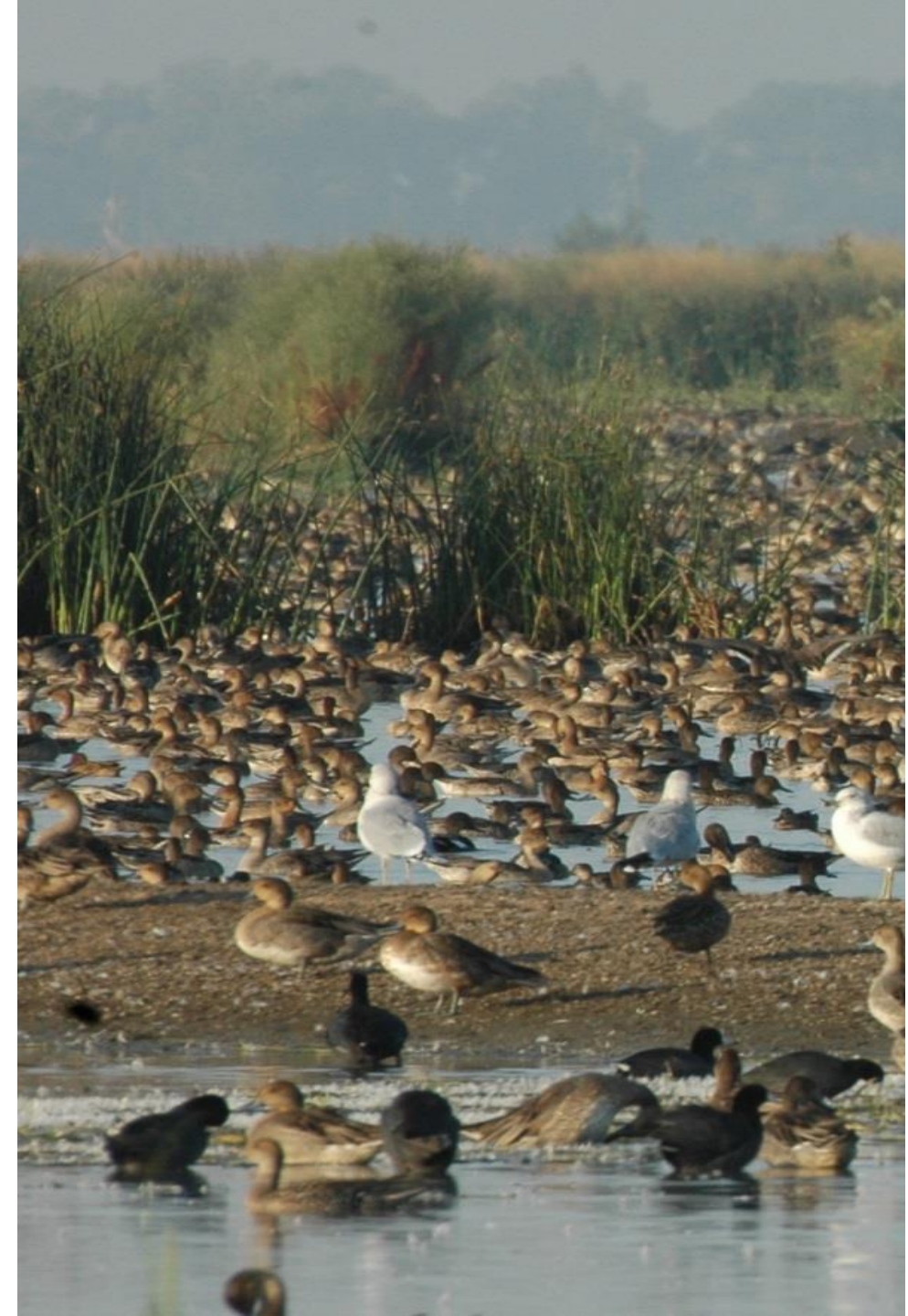


Principles

Central Premise:

***The conservation of Delta ecosystems
will benefit both people and the
environment***

1. Building Community
2. Promoting Ecological Function
3. Providing Multiple Benefits
4. Focusing On People And Place
5. Increasing Efficiency (Process And Cost)
6. Highlighting Need for Funding





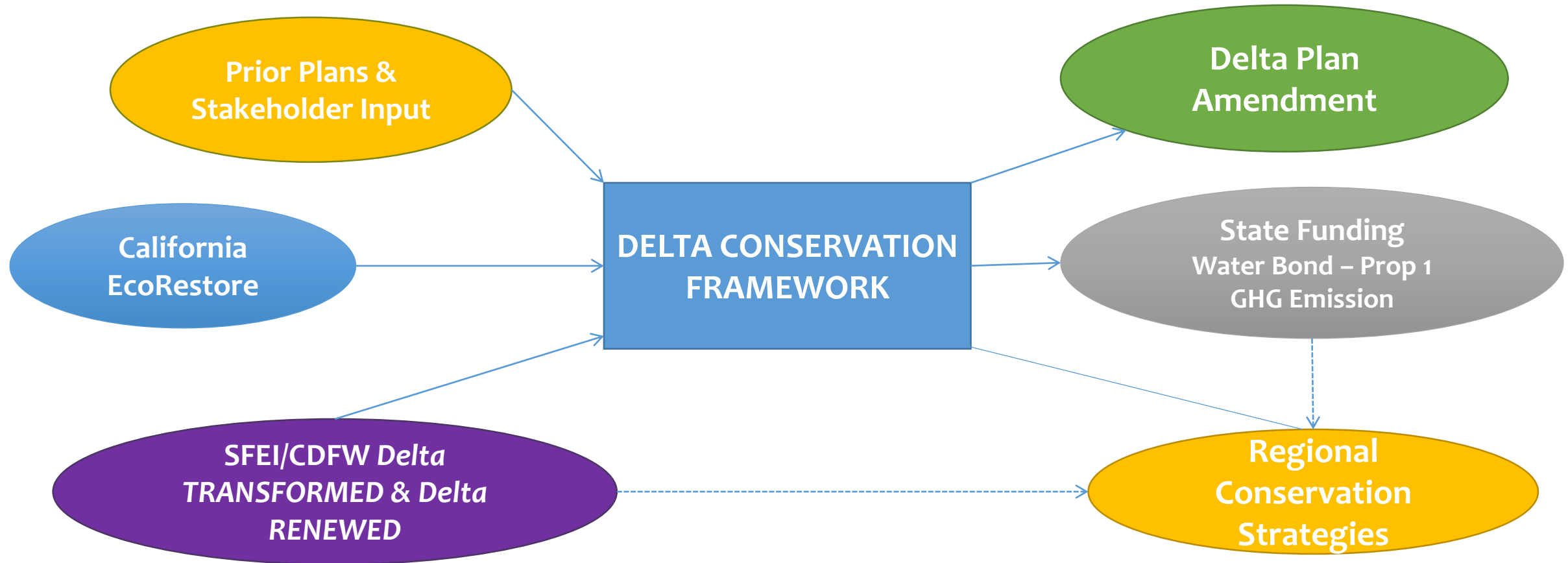
Delta Conservation

Implementing strategies and related actions for Delta stakeholder integration and the protection, enhancement, restoration, and adaptive management of Delta ecosystems and their ecological functions to benefit human and natural communities





Planning Context





Stakeholder Participation in Workshops

State

CA Natural Resources Agency
CA Department of Fish & Wildlife
 Water Branch
 Watershed Restoration Grants Branch
 Region 3
 Interagency Ecological Program
CA Department of Water Resources
Delta Stewardship Council
Delta Science Program
SSJ Delta Conservancy
Delta Protection Commission

Private

Delta Residents

Academic

UC Davis, UC Santa Cruz

Federal

US Bureau of Reclamation
Central Valley Joint Venture
US Fish & Wildlife Service
SF Bay NERR

County

Sacramento
Sacramento Regional County
 Sanitation District
San Joaquin
Solano
Solano County Water Agency
Solano RCD – Suisun RCD
Yolo Habitat Conservancy

Bethel Island Municipal
 Improvement District
Metropolitan Water District

NGOs

Audubon California
San Francisco Estuary Institute
The Freshwater Trust
The Nature Conservancy
Yolo Basin Foundation

Consulting Firms
Douglas Environmental
ESA
Flow West
MBK Engineers/Reclamation Districts
Mosaic Associates
The Catalyst Group – Delta
 Vision Foundation

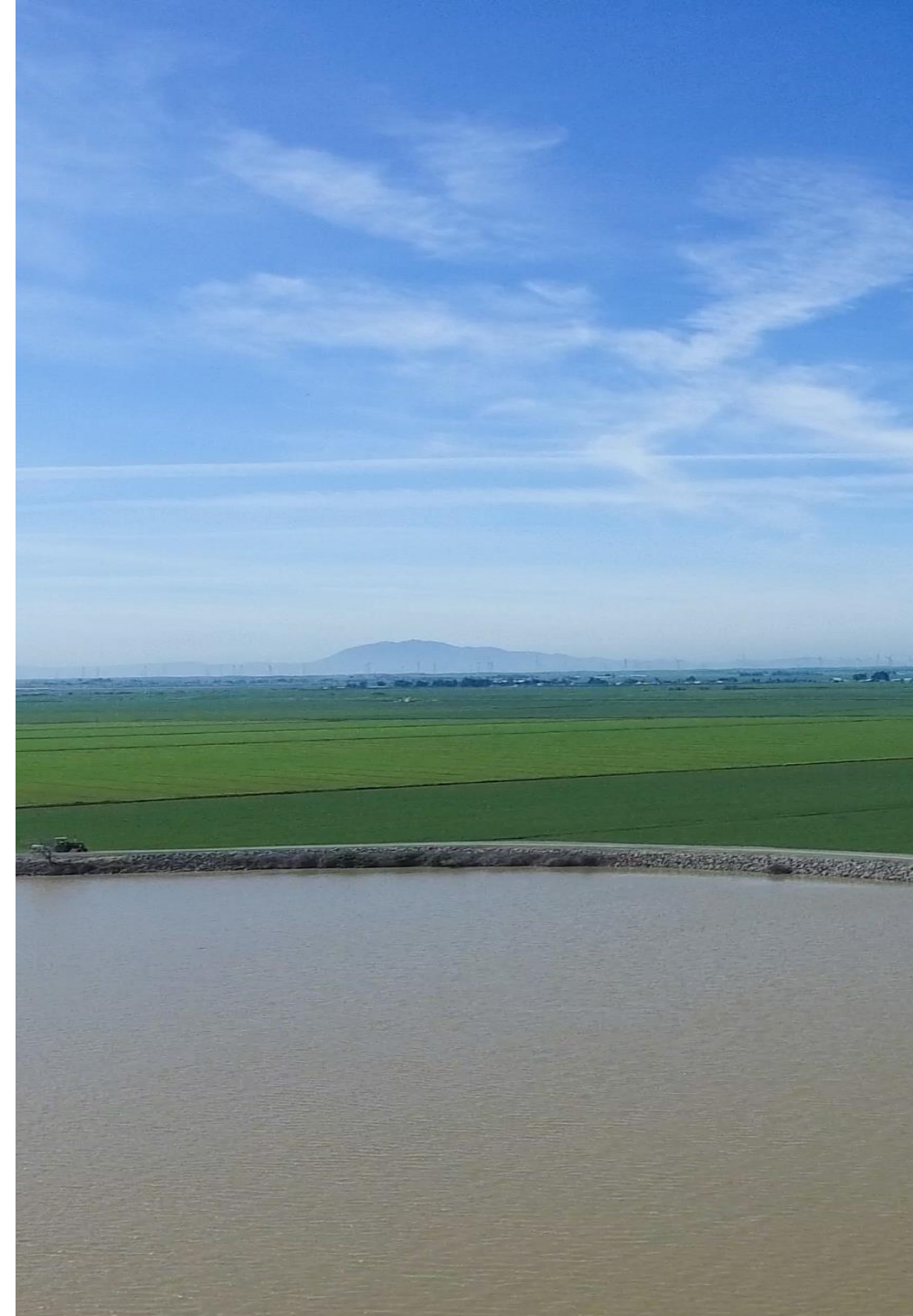




Delta Conservation Framework

Further Outreach

- Federal Agencies (NOAA, USFWS, USACE)
- Delta Stewardship Council
- Delta Five-County Coalition
- East Contra Costa Habitat Conservancy
- Contra Costa County Dept. of Conservation and Development
- Contra Costa Resource Conservation District
- Discover the Delta
- CA Delta Chambers & Visitors Bureau
- Restore the Delta
- North Delta Cares
- Snug Harbor
- Anglers
- American Rivers





Consistency with Existing Plans

- EcoRestore
- Delta Renewed - Draft report SFEI/CDFW Delta Landscapes Project
- California Water Action Plan
- The Delta Plan/Delta Reform Act
- State Wildlife Action Plan
- Delta Recreation Proposal - State Parks
- Economic Sustainability Plan for the SSJ Delta
- Strategic Vision 2030 for the Delta
- CCMP for the San Francisco Estuary
- Suisun Marsh Plan
- CV Flood Protection Plan Conservation Strategy
- CVJV Implementation Plan
- ERP Conservation Strategy
- UCD Human Use of Restored and Naturalized Delta Landscapes





Conservation Topics

DELTA COMMUNITY INTEGRATION



FUNCTIONAL DELTA ECOSYSTEMS



Overarching Goals

COMMUNITY INTEGRATION

- Integrate Regular Stakeholder Communication and Socio-Economic Considerations into Delta Conservation Planning and Implementation Processes
- Build a Program that Promotes Public Education and Outreach Focused on Delta Community Integration with Ecosystem Conservation
- Develop Multi-Benefit Focused Conservation and Land Management Solutions to Balance Environmental and Human Needs



Overarching Goals

ECOSYSTEM FUNCTION

- Protect, Restore, Enhance and Sustain the Physical Processes that Create and Maintain Connected, Resilient and Diverse Aquatic and Terrestrial Delta Ecosystems
- Create Conditions Conducive to Meeting or Exceeding the Goals in Existing Species Recovery Plans
- Build Climate Change Adaptation Considerations and Adaptive Management Approaches into Planning and Implementation of Delta Conservation Projects

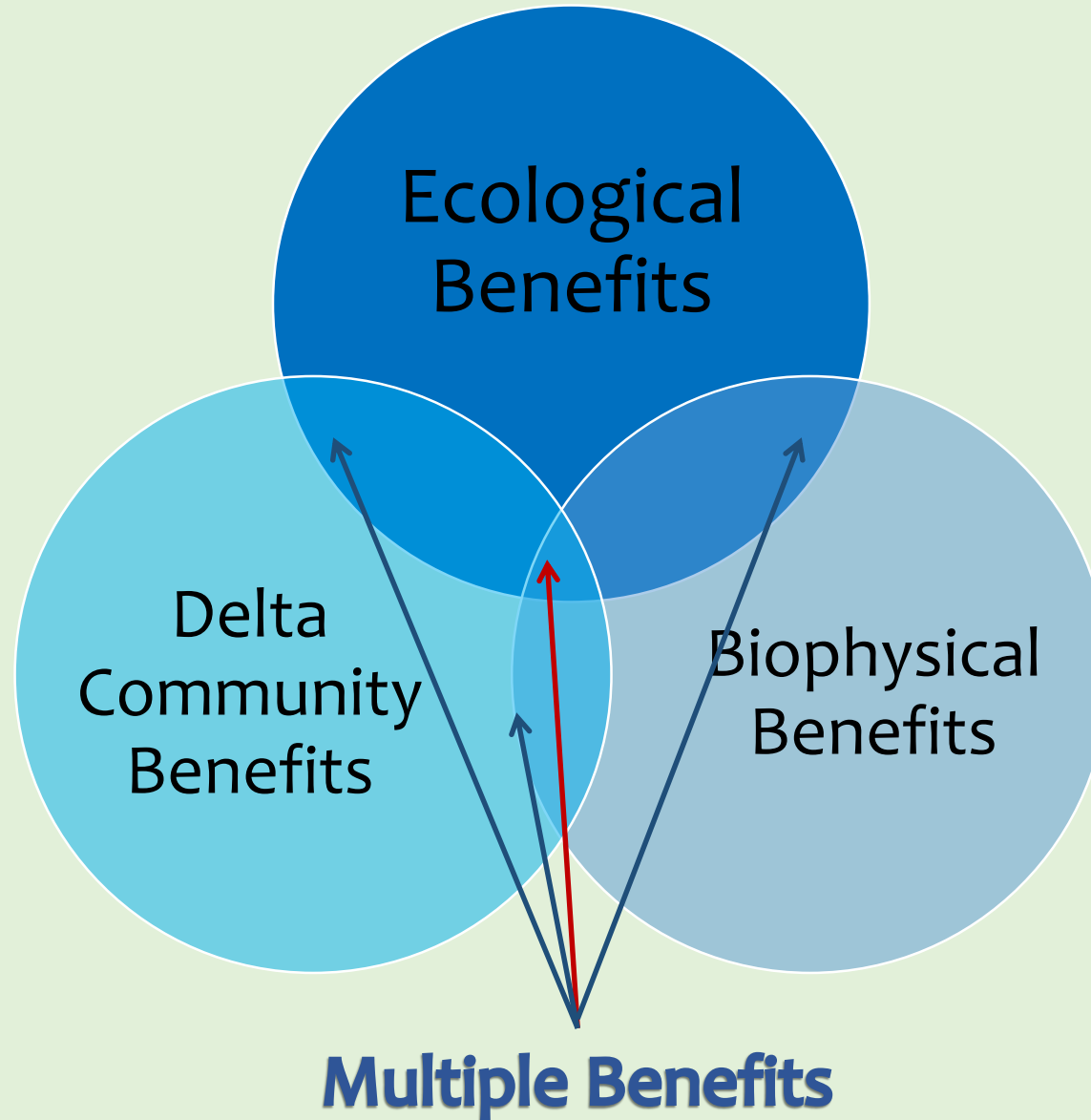


Overarching Goals

IMPLEMENTATION

- Improve the Capacity and Approaches for Permitting Processes in the Context of Delta Conservation Implementation.
- Develop Mechanisms to Secure Long-Term Funding for Continued Conservation Implementation and Long-Term Management of Conservation Lands.

ECOSYSTEM FUNCTION





Stakeholder Engagement

Four public workshops:

1. August 18, 2016
VISION, PURPOSE, PRINCIPLES – SOLUTIONS TO CHALLENGES
2. September 21, 2016
SETTING CONSERVATION TOPICS & GOALS, FINDING STRATEGIES
3. October 20, 2016
Proposed Topic: EVALUTING SUCCESS – DEFINING CONSERVATION OPPORTUNITY REGIONS
4. November 30, 2016
Proposed Topic: INTEGRATION WITH REGIONAL CONSERVATION STRATEGIES



30-day public review of document



EcoRestore:

30,000 acres of restoration in 3-4 years

David Okita, California Natural Resources Agency

Kristopher Tjernell, California Natural Resources Agency